

QMS 2425 Print System



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High speed processing performance, superior connectivity options, and extensive document handling capabilities make the full-featured QMS® 2425 Print System the ideal advanced departmental printing solution.

The 24 ppm QMS 2425 combines a high performance 100 MHz 64 bit processor with QMS Crown® multitasking technology to rapidly produce high quality output of both text and graphics. With 600 x 600 dpi resolution standard, 1200 x 1200 dpi capability, and page sizes up to ledger/A3, professional printing has never been better.

Network-ready, the QMS 2425 utilizes a standard QMS CrownNet™ for Ethernet (10BaseT and coax) interface for simultaneous support of NetWare® IPX/SPX; EtherTalk™; TCP/IP; OS/2 LAN Manager/LAN Server NetBIOS/NetBEUI; and Windows® 3.1x, NT, and 95 NetBIOS/NetBEUI protocols. With additional standard and optional interfaces, connectivity to virtually any computing environment is possible.

Standard PostScript™ Level 2, HP-GL® 7475A / 7550 / DraftMaster, HP PCL® 5e / GL2, lineprinter and optional QUIC® II and LN03™ Plus emulations are available for support of a broad range of applications and computing platforms. QMS Emulation Sensing Processing (ESP) provides printer-resident, user-transparent emulation switching.

For advanced document processing, the QMS 2425 features multiple printer-based document handling capabilities, including n-up (thumbnail), booklet, and background printing, as well as electronic collation.

The QMS 2425 Print System. The perfect full-featured, high-performance printing solution.

Print System Features:

Speed

- ◆ The QMS 2425 Print System features a 64 bit NEC Vr4300™ RISC-based internal controller running at 100 MHz and QMS Crown multitasking technology to process documents at unsurpassed speeds—up to 24 ppm on letter/A4 page sizes.

Quality & Reliability

- ◆ QMS Crown technology delivers Simultaneous Interface Operation (SIO) and Emulation Sensing Processing (ESP)—standard features of the QMS Crown printer family.
- ◆ QMS Multi-Res™ option provides 1200 x 1200 dpi capability, as well as edge smoothing at 600 dpi for the highest quality output.
- ◆ A Software Loadable System enables you to easily add enhancements and new functionality remotely from the host computer.

Connectivity Options

- ◆ CrownNet for Ethernet and bi-directional IEEE 1284 parallel interfaces standard. CrownNet for Token-Ring, Ethernet DECnet®, LocalTalk®, and RS-232 serial interface options available.
- ◆ Translation and printing of Xerox® UDK/XES data streams available with optional interface.
- ◆ Translation and printing of IBM® mainframe and midrange IPDS and non-IPDS data streams available with optional IBM interfaces.

Imaging and Forms Solutions

- ◆ QFORM™ (optional) is a printer-based software utility that allows users to produce on-demand electronic forms on the QMS 2425.
- ◆ Optional QMS ImageServer® printer software converts the QMS 2425 into an image-enabled print system. This software enables superior performance from document imaging applications that require fast, image-on-demand capability in client-server environments.

Document Handling Capability

- ◆ Printer-based document processing can be used to perform n-up, booklet, and background printing, as well as job accounting (hard drive required).
- ◆ Supports printer-based electronic collation.
- ◆ Automatic paper jam recovery eliminates excess network traffic and operator involvement.
- ◆ An optional 2,000 sheet input paper deck, a 2,000 sheet output stacker/stapler (available summer '96), a duplexing unit, an envelope feeder, and a pedestal cabinet are available for advanced paper handling.
- ◆ QMS CrownCopy™ option allows the QMS 2425 to operate as a convenience copier (hard drive required).



Printers for Professionals.

Product Specifications

Choice of Configurations

- ◆ **QMS 2425** with 8 MB RAM provides 600 x 600 dpi resolution on page sizes up to letter / A4.
- ◆ **QMS 2425Ex** with 24 MB RAM provides 600 x 600 dpi resolution on page sizes up to ledger / A3. Includes 256 MB internal hard drive.

Technical Specifications

THE PRINTING PROCESS

- ◆ **Print Method**—Electrophotographic recording with semiconductor laser.
- ◆ **Resolution**—600 x 600 dpi standard. 1200 x 1200 dpi capable with the addition of a Multi-Res daughterboard and sufficient memory. Multi-Res board also facilitates edge smoothing at 600 dpi.
- ◆ **Print Speed**—24 ppm letter/A4, 13 ppm ledger/A3.
- ◆ **Recommended Duty Cycle**—Up to 100,000 prints per month.

THE HARDWARE AND SOFTWARE CAPABILITIES

- ◆ **Type**—Based on a 64 bit NEC Vr4300 RISC processor operating at 100 MHz and utilizing QMS Crown multitasking technology.
- ◆ **Memory**—Each system contains 8 MB of FLASH memory for storage of system code. This enables remote loading of software upgrades without requiring physical access to the controller. Standard RAM is user configurable and expandable to a total of 128 MB through standard SIMMs in 4, 8, 16, and 32 MB increments. SIMM expansion slots are available.
- ◆ **Internal IDE Hard Drives**—256 MB internal IDE hard drive standard in QMS 2425Ex for resident fonts and forms storage, job spooling, and expanded virtual memory. Optional hard drive available. Supports up to 2.1 GB IDE hard drive.
- ◆ **External Hard Drives (optional)**—Provide permanent storage of downloadable typefaces and emulations. Up to three external hard drives can be daisy-chained to the printer's SCSI connection.
- ◆ **Printer Emulations**—Standard emulations include PostScript Level 2, HP-GL 7475A/7550/DraftMaster, HP PCL 5e/GL2, and Line printer. Optional QUIC II and LN03 Plus emulations are available (hard drive required).
- ◆ **Typefaces**—40 resident PostScript™ typefaces. All typefaces have multilingual character sets. TrueType fonts supported under PostScript emulation. 57 resident HP PCL fonts for PCL 5e compatibility. 40 HP-GL symbol sets also included.

INTERFACE SUPPORT

- ◆ **Simultaneous Interface Operation (SIO)**—Enables all of the printer's interfaces to receive data simultaneously.
- ◆ **Standard Interfaces**—QMS CrownNet for Ethernet (10BaseT and coax), and bi-directional IEEE 1284 parallel. SCSI port available for connecting external hard drives and QMS CrownCopy option.
- ◆ **Optional Interfaces**—QMS CrownNet for Token-Ring (STP and UTP) supports NetWare® IPX/SPX; TCP/IP; OS/2 LAN Manager/ LAN Server NetBIOS/NetBEUI; and Windows 3.1x, NT, and 95 NetBIOS/NetBEUI protocols. Crown Ethernet DECnet® (10BaseT), LocalTalk, and RS-232 serial interfaces also available.
- ◆ **Optional IBM Interfaces**—Ethernet, Token-Ring, coax, or twinax for IBM IPDS; coax or twinax for non-IPDS; RS-232C serial, Centronics® parallel, or coax for Xerox® XES/UDK.

PAPER HANDLING

- ◆ **Paper Sizes Supported**—Letter, legal, ledger, A3, A4, A5, B4, B5, statement, universal, and executive; DL, C5, Com 10, and Monarch envelopes.
- ◆ **Paper Input**—Two 500 sheet input trays (upper tray supports up to legal/B4, lower tray supports up to ledger/A3); one 100 sheet multi-purpose input tray (supports all pages sizes).
Optional Paper Input—2,000 sheet input paper deck. Envelope feeder holds up to 100 envelopes.
- ◆ **Paper Output**—500 sheet face down output tray, 100 sheet face up output tray.
Optional Paper Output—2,000 sheet high capacity output stacker/stapler (available summer '96).
- ◆ **Printable Area**—Actual maximum print area is 4 mm from top margin, 4.5 mm from bottom margin, 6 mm from left margin, and 3 mm from right margin.
- ◆ **Print Media**—Printer can handle office paper, approved transparency material (through multi-purpose tray only), approved laser-quality labels (through multi-purpose tray only), and envelopes in DL, C5, Com 10, and Monarch.
- ◆ **Paper Weights**—17 to 28 lbs. (64 to 105 g/m²) through cassettes. Up to 34 lbs. (128 g/m²) through multi-purpose tray.
- ◆ **Automatic Jam Recovery**—Printer automatically reprints jammed pages.

PHYSICAL

- ◆ **Type**—Laser printer with internal controller.
- ◆ **Dimensions**—(WxDxH) 22.3" x 21.9" x 21.3" (566 mm x 557 mm x 540 mm).
- ◆ **Weight**—
Printer—106 lbs. (48 kg).
Toner Cartridge—6.6 lbs. (3 kg).
Optional Input Paper Deck—60 lbs. (27 kg).

ELECTRICAL

- ◆ **Power Requirements**—
100/110V Model—100 to 120 VAC, 50/60 Hz.
200/220V Model—220 to 240 VAC, 50 Hz.
- ◆ **Power Consumption**—
100V/200V—1050W maximum, 580W average
- ◆ **Energy Star compliant.***

ENVIRONMENTAL

- ◆ **Temperature Requirements**—
Operating—50° to 91° (10° to 32.5° C)
Non-Operating—32° to 95° (0° to 35° C)
- ◆ **Humidity**—
Operating—20% to 80% RH.
Non-Operating—10% to 95% RH.
- ◆ **Noise Level**—
Operating—52 dBA max.
Standby—38 dBA max.

REGULATORY/SAFETY CONFORMITY

- ◆ FCC-A, DOC-A, VCCI, TUV/GS, UL, CSA, CE Marking.

WARRANTY

- ◆ **One year (on site).**

CONSUMABLES

- ◆ The QMS 2425 uses a single component dry toner for clean, easy replacement. A toner cartridge yields 15,000 pages at normal coverage.

RESIDENT POSTSCRIPT TYPEFACES

Avant Garde (Normal, Demi, Oblique, Demi Oblique)
 Bookman® (Light, Light Italic, Demi, Demi Italic)
 Courier (Normal, Bold, Oblique, Bold Oblique)
 Helvetica® (Normal, Bold, Oblique, Bold Oblique)
 Helvetica Narrow® (Normal, Bold, Oblique, Bold Oblique)
 Helvetica Condensed® (Normal, Bold, Oblique, Bold Oblique)
 New Century Schoolbook (Normal, Italic, Bold, Bold Italic)
 Palatino® (Normal, Bold, Italic, Bold Italic)
 Times Roman® (Normal, Italic, Bold, Bold Italic)
Zapf Chancery® Medium Italic
 ※※■※※▼▲ (Zapf Dingbats®)
 Σμβολ (Symbol Set)
 OCR B



Printers for Professionals.

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The addition of some options, in some combinations may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service.